

TH-6 HYDRAULIC PACKER

PRODUCT 15-656

The **TechWest TH6** Hydraulic Set Production Packer is a short, bi-directional, economical packer suited for low to medium pressure applications. The packer features no downward mandrel movement during setting, permitting for use in stacked applications and simultaneous setting. The TH6 packer is ideally suited for running below dual string packers and may be set after the well has been flanged up.

The TH6 packer features adjustable straight pull release and large equalizing ports which open above the elements to wash debris above the packer to aid in retrieval. The internal lock mandrel contains the pack off force which is not transmitted to the tubing string, eliminating any loads on the release screws. This makes retrieval easy even with maximum differential on the packer. The short overall length of the packer makes it ideal for tight doglegs in the well.

See the TH8 (Product 15-657) for a Thermal version of this packer.

FEATURES

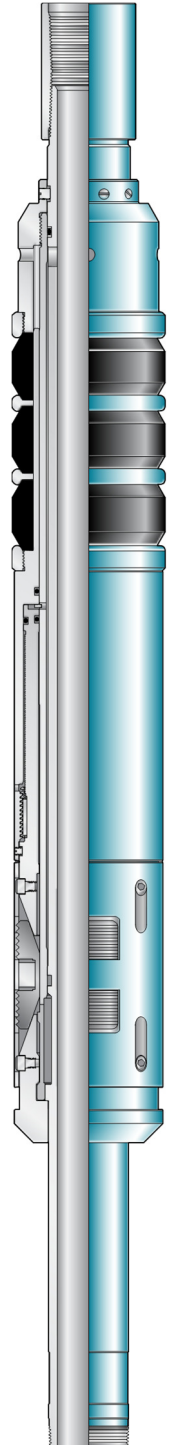
- Ideal in stacked completions with simultaneous or consecutive setting
- Adjustable straight pull release with shear screws out of the flow path
- Can be landed in tension, neutral or compression
- No downward mandrel movement for stacked applications
- Elastomer and metallurgical options available for hostile environments
- Ideal for use with fiberglass tubing, or coil tubing
- Short length ideal for tight turns in casing

OPERATION

The TH6 Packer is set by temporarily plugging the tubing string below the packer and applying pressure inside.

The TH6 packer is released by straight pickup on the tubing string.

When ran in stacked completions, the use of a *TechWest Releasing Sub* (Product 20-336) is recommended.



SPECIFICATIONS

15-656 SPECIFICATION GUIDE							
CASING				PACKER			
OD	Weight	Min ID	Max ID	Product Number	OD	ID	Connection
in/mm	lb/ft	in/mm	in/mm		in/mm	in/mm	
5 1/2 139.7	20.0-23.0	4.670 118.6	4.778 121.4	15-656-2357	4.500 114.3	2.000 50.8	2-3/8 EUE
	14.0-17.0	4.892 124.3	4.95 125.7	15-656-2355	4.625 117.9	2.000 50.8	2-3/8 EUE
	13.0-15.5	4.950 125.7	5.044 128.1	15-656-2358	4.781 121.4	2.000 50.8	2-3/8 EUE
6 5/8 168.3	24	5.830 148.08	5.937 150.8	15-656-2365	5.656 143.7	2.441 62.0	2-7/8 EUE
	17.0-20.0	6.049 153.6	6.135 155.8		5.812 147.6	2.441 62.0	
7 177.8	26.0-32.0	6.094 154.8	6.276 159.4	15-656-2770	5.875 149.2	2.441 62.0	2-7/8 EUE
	17.0-26.0	6.276 159.4	6.538 166.1	15-656-2771	6.000 152.4	2.441 62.0	2-7/8 EUE
	26.0-32.0	6.094 154.8	6.276 159.4	15-656-3570	5.875 149.2	2.992 76.0	3 1/2 EUE
	17.0-26.0	6.276 159.4	6.538 166.1	15-656-3571	6.000 152.4	2.992 76.0	3 1/2 EUE
9 5/8 244.5	47.0-53.5	8.405 213.5	8.822 224.1	15-656-4595	8.218 208.7	3.958 100.5	4 1/2 EUE
	32.3-40	8.835 224.4	8.921 226.6	15-656-4596	8.600 218.4	3.958 100.5	4 1/2 EUE